Docket No.: 105865

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LEARNING SYSTEMS AND METHODS FOR MARKET-BASED CONTROL OF SMART MATTER

describ	ed and claimed in the	ne specification:			
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	b.	ed on as Applica t I have reviewed and unders	tion No and a	ove-identified specification	ipprication. including the claims,
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as ame	nded by any amend	ment referred to above.			
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of my statem impris jeopar	Kirk Edwa Mario Joel S. A Rio Don L Euger CORRESPONDER RIDGE, PLC, P.O. I hereby declare own knowledge are tents were made with comment, or both, undize the validity of	that I have reviewed and under true and that all statements the knowledge that willful der Section 1001 of Title 18 the application or any patent	o. 27,562; Thomas J. Par No. 31,450; Robert A. M n No. 33,565; Stephen J. 36,430; Christopher W. No. 31,560; Mark Costel 34,275; Ronald F. Chap No. 20,881; Kevin R. Ke B. Domingo, Registratio ITH THIS APPLICATI IA, VIRGINIA 22320, The derstand the contents of the made on information and be false statements and the lift of the United States Code	dini, Registration No. 30, iller, Registration No. 32, Roe, Registration No. 34, Brown, Registration No. 31, 34, uran, Registration No. 36, no. 36, 784. ON SHOULD BE SENT ON	411; 771; 463; 38,025; 2; ,402; 145; TO OLIFF & 00. statements made herein e; and further that these by fine or
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	of First or Sole	Inventor	Warren	B.	JACKSON Family Names
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Page 2 OF U.S.A. DECLARATION FORM (Discard this page in a sole inventor application)

1	Typewritten F	ull Name			
	of Second Joir	nt Inventor (if any)	Oliver	P	GUENTHER
			Given Name	Middle Initial	Family Name
2	**INVENTO	R'S SIGNATURE:	-,-,		~_~_
3	**DATE OF	SIGNATURE:			
			Month	Day	Year
	Residence:	San Francisco	Cali	fornia	USA
		City	State or	Province	Country
	Citizenship:	German			
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1	Tum ar unittan E	including country)	625 Firm Avenue, Apa	rtment #3, San Francisco,	California 94118
1	Typewritten Fi	uu Name Inventor (if any)	Tad	H.	HOGG
	oj mina domi	inventor (ij uniy)	Given Name	Middle Initial	Family Name
2	**INVENTO	R'S SIGNATURE:			•
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		City	State or Province		Country
	Citizenship:_	United States			
		Post Office Address: (Insert complete			
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		including country)	541 Delmedio Avenue,	Mountain View, Californ	ia 94040
1	Typewritten Fi	ull Name			
	of Fourth Join	t Inventor (if any)	Bernardo	A.	HUBERMAN
			Given Name	Middle Initial	Family Name
2	**INVENTO	R'S SIGNATURE:			
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	Residence:	Palo Alto	Calif	fornia –	94301
		City	State or Province		Country
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1	Typewritten Ful		483 Forest Avenue, Palo Alto, California 94301		
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•	- y - y	(99)	Given Name	Middle Initial	Family Name
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**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.

Docket No.: 102802

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	on entitled:	AND METHODS FOR MAD	WET DAGED CONTE	OOL OE CLAADT MATTED				
LEAR	NING SYSTEMS.	AND METHODS FOR MAF	KEI-BASED CONTR	COL OF SMART MATTER				
	ed and claimed in	the specification:						
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	b fi	led on as Applica	ation Noa	nd amended on(if	applicable).			
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.							
as ame	nded by any ameno	iment referred to above.						
applica	7, Code of Federal	Regulations, §1.56. Under T ed States provisional application	itle 35, U.S. Code §119	wn to me to be material to pate 9, the priority benefits of the fo by legal representatives or assig	llowing foreign			
	States of America		prior to this application	ois invention were filed in country, or (b) before the filing date of				
applica		the following as my attorney t all business in the Patent Of		ower of substitution and revoca	tion to prosecute this			
	Mario Joel S. A Rio Don L	A. Costantino, Registratio rmstrong, Registration No. chard E. Rice, Registration a. Webber, Registration No. ne O. Palazzo, Registration	n No. 33,565; Stephen 36,430; Christopher \ No. 31,560; Mark Cos 34,275; Ronald F. Cb	Miller, Registration No. 32,7 I. Roe, Registration No. 34,4 W. Brown, Registration No. 31,342 apuran, Registration No. 26, Kepner, Registration No. 32,7 tion No. 36,784.	163; 18,025; 2; 402;			
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	of First or Sole I	nventor	Warren	B.	JACKSON			
			Given Name	Middle Initial	Family Name			
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		(Insert complete						
		mailing address,	160 Castenada Azzer	me San Francisco California	94116			

including country) 160 Castenada Avenue, San Francisco, California 94116

*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

Page 2 OF U.S.A. DECLARATION FORM (Discard this page in a sole inventor application)

1	Typewritten Full Name of Second Joint Inventor (if any)		Oliver	Р.	GUENTHER	
	of Second Join	it Inventor (ij any)	Given Name	Middle Initial	Family Name	
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	including country)		625 Fifth Avenue, Apartment #3, San Francisco, California 94118			
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	of Third Joint	Inventor (if any)	Tad Civon Namo	H. Middle Initial	HOGG Family Name	
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1		nt Inventor (if any)	Bernardo	Α.	HUBERMAN	
	<i>oj</i> 2 <i>0</i> 0 co	(3)	Given Name	Middle Initial	Family Name	
2	**INVENTO	R'S SIGNATURE:				
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	residence.	City	State or Province		Country	
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1	including country) Typewritten Full Name		403 Polest Avenue, 1 an	JAno, Camolina 71301		
1	* *	Inventor (if any)				
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**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.

Docket No.: 105865

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

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I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LEARNING SYSTEMS AND METHODS FOR MARKET-BASED CONTROL OF SMART MATTER

described and claimed Check one	1 in the specification:					
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*a.	attached hereto.					
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Title 37, Code of Fede	ge the duty to disclose to the O eral Regulations, §1.56. Under United States provisional applic on are hereby claimed:	Title 35, U.S. Code \$119	2. the priority benefits of the	following foreign		
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I hereby app application and to tran	oint the following as my attorned sact all business in the Patent C	eys of record with full po Office:	wer of substitution and revoc	cation to prosecute this		
Ki Ed	mes A. Oliff, Registration No irk M. Hudson, Registration N ward P. Walker, Registration ario A. Costantino, Registratio	No. 27,562; Thomas J. P 1 No. 31,450; Robert A.	'ardini, Registration No. 30 Miller, Registration No. 32	,411; .771:		
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Page 2 OF U.S.A. DECLARATION FORM (Discard this page in a sole inventor application)

1	Typewritten F	Full Name			
	of Second Joi	nt Inventor (if any)	Oliver	P.	GUENTHER
			Given Name	Middle Initial	Family Name
2	**INVENTO	R'S SIGNATURE:			
3	**DATE OF	SIGNATURE:			
3	DATE OF	SIGNATURE.	Month	Day	Year
	D 11	San Francisco		fornia	USA
	Residence:	City		Province	
		•	State or	riovince	Country
	Citizenship:_	German			
		Post Office Address: (Insert complete			
		mailing address,			
		including country)	625 Fifth Avenue, Apa	rtment #3, San Francisco,	California 94118
1	Typewritten Full Name				
	of Third Joint	t Inventor (if any)	Tad	Н.	HOGG
			Given Name	Middle Initial	Family Name
2	**INVENTO	R'S SIGNATURE:	Tad Hogg		
3	**DATE OF	SIGNATURE:	9 08	29	01
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	D . 11	Mountain View		•	USA
and the true from that the true to the tru	Residence:	City	California State or Province		
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ீவ <u>்</u> 13. ⊒		Post Office Address: (Insert complete			
		mailing address,			
· 神 : 門門		including country)	541 Delmedio Avenue,	Mountain View, Californ	ia 94040
1	Typewritten Full Name				
12	of Fourth Join	nt Inventor (if any)	Bernardo	A.	HUBERMAN
[hā			Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:		BENLUMA	_	
3 === 3	**DATE OF SIGNATURE:		19	29	67
la la	21112 01 1		Month	Day	Year
	Residence:	Palo Alto	Calif	· ·	94301
je ši	residence.	City	State or Province		Country
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	Citizenship:_	Post Office Address:			
		(Insert complete			
		mailing address,			
		including country)	483 Forest Avenue, Palo Alto, California 94301		
1	Typewritten Full Name				
	of Fifth Joint 1	nventor (if any)			
			Given Name	Middle Initial	Family Name
2	**INVENTOR	'S SIGNATURE:			
3	**DATE OF S	IGNATURE:			
-			Month	Day	Year
	Residence:			·	··
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	country)				

**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.